

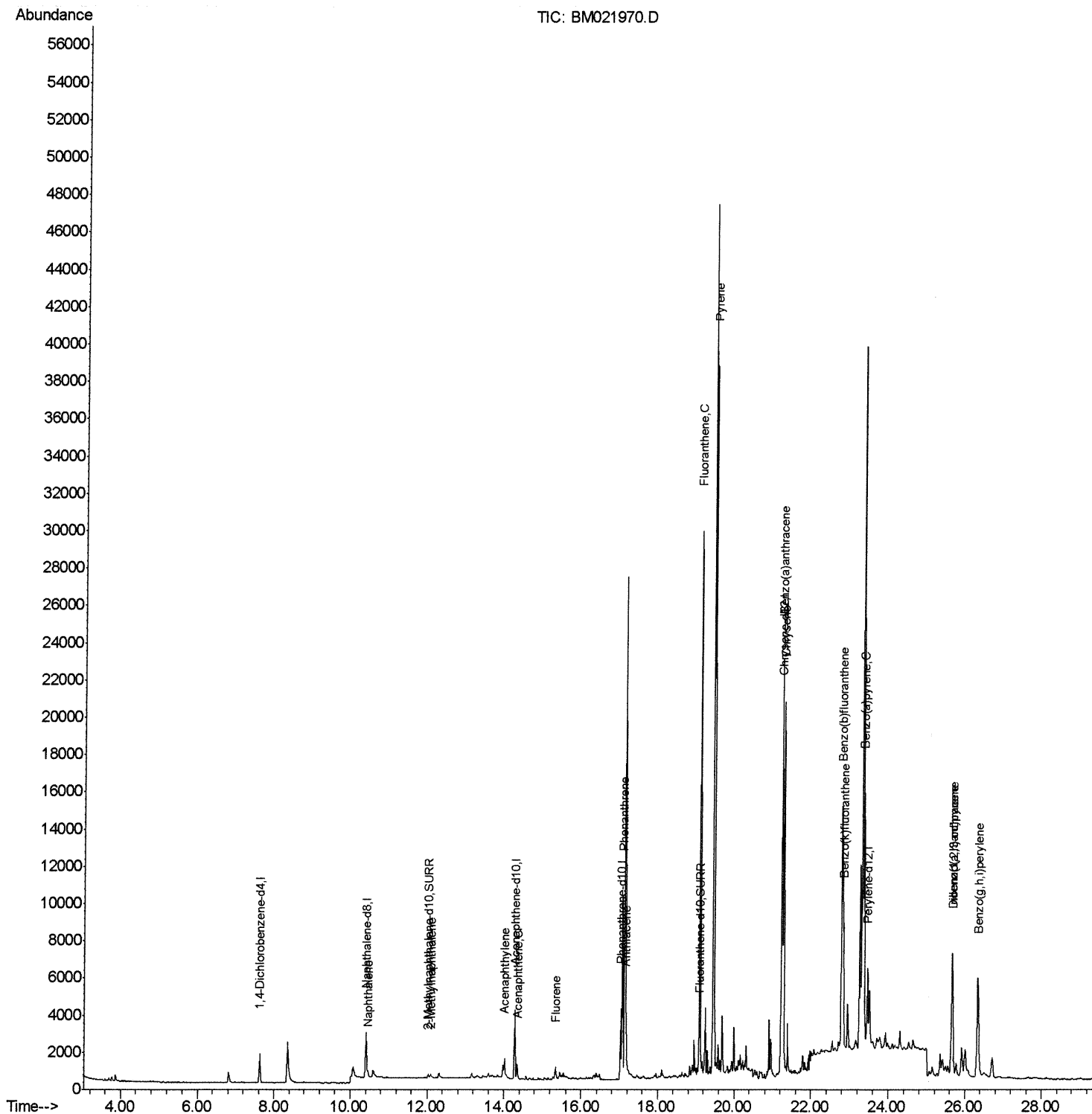
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021970.D
Acq On : 09 Aug 2019 14:48
Operator : HP/JU
Sample : K4028-18DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR5DL

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:43 AM

Quant Time: Aug 10 06:23:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

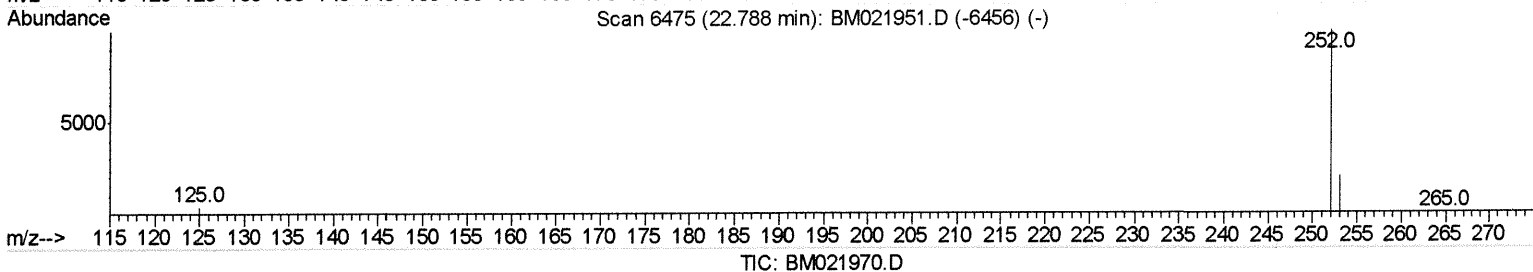
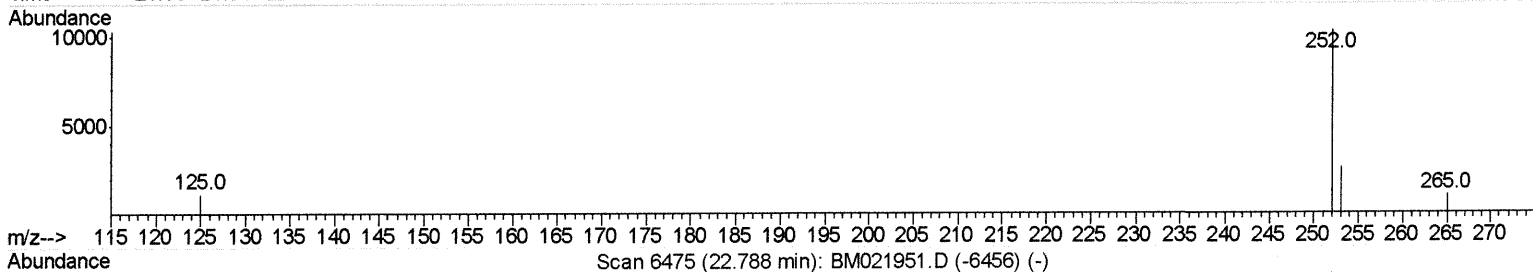
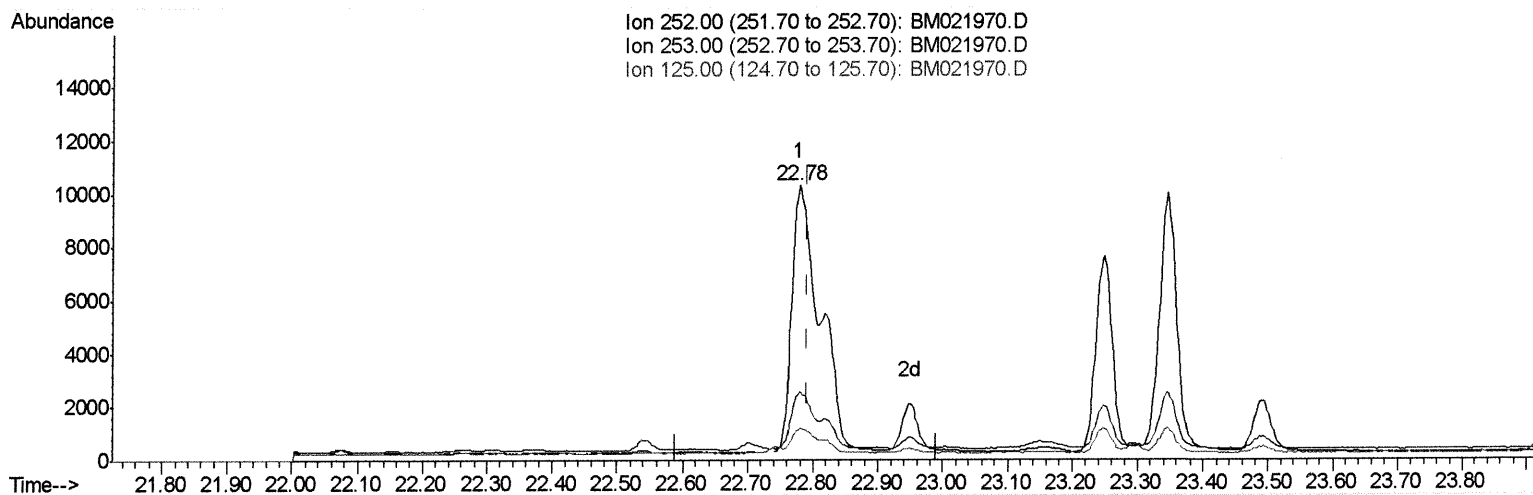
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021970.D
Acq On : 09 Aug 2019 14:48
Operator : HP/JU
Sample : K4028-18DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR5DL

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:43 AM

Quant Time: Aug 10 05:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.779min (-0.012) 1.38ng/ul

response 30248

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22
125.00	15.50	11.16
0.00	0.00	0.00

Quantitation Report (Qedit)

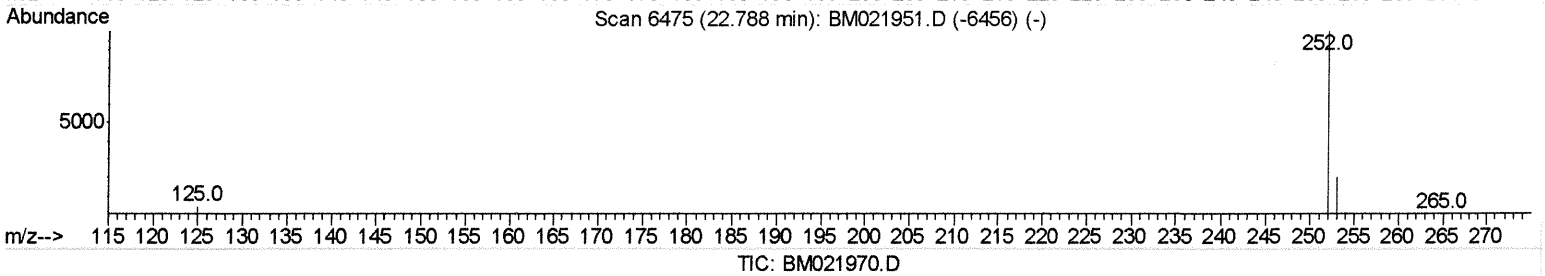
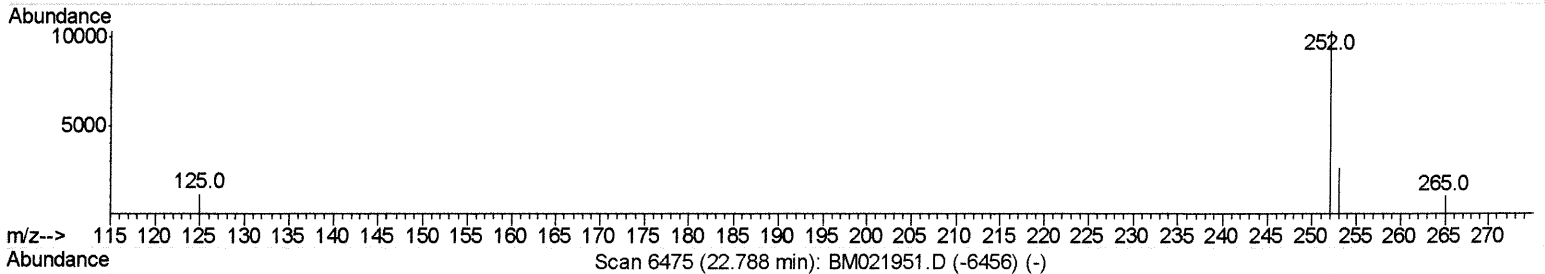
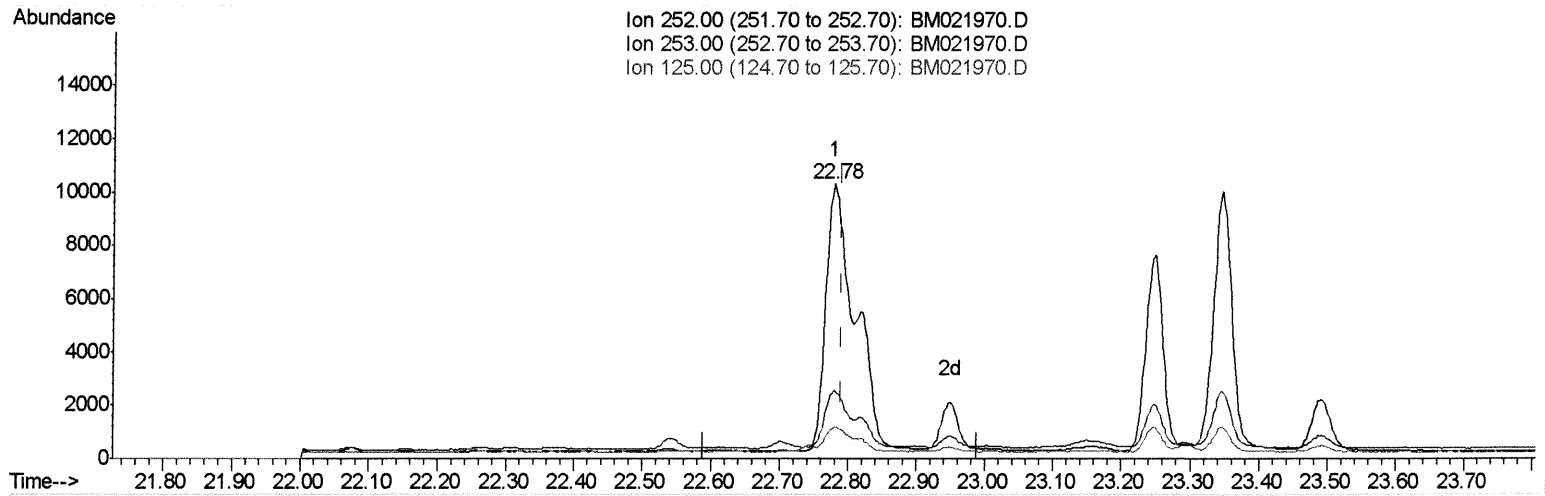
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:43 AM

Quant Time: Aug 10 05:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.779min (-0.012) 0.97ng/ul m *JU 08/12/19*

response 21282

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22
125.00	15.50	11.16
0.00	0.00	0.00

Quantitation Report (Qedit)

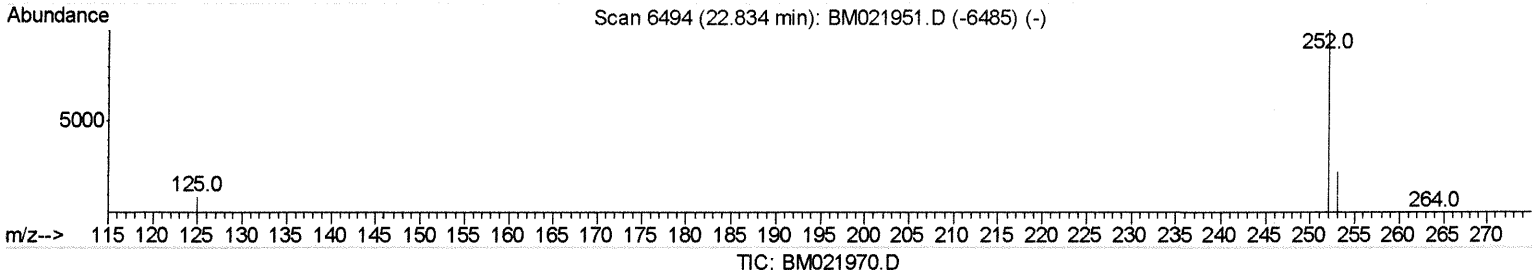
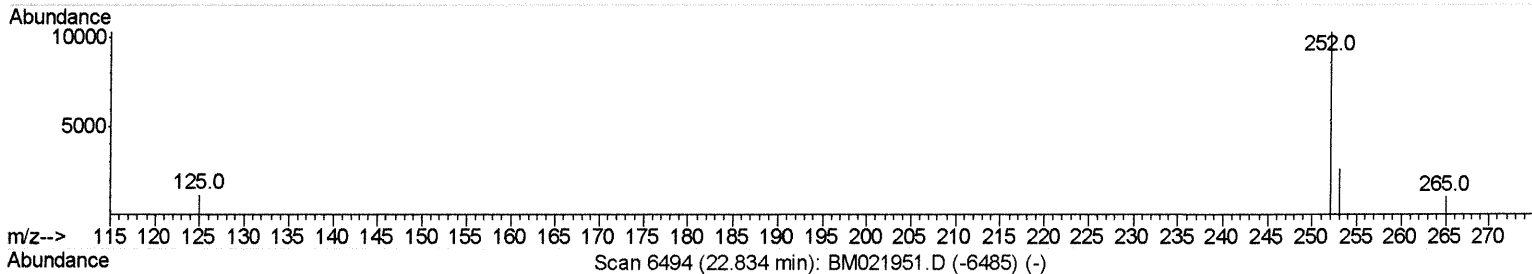
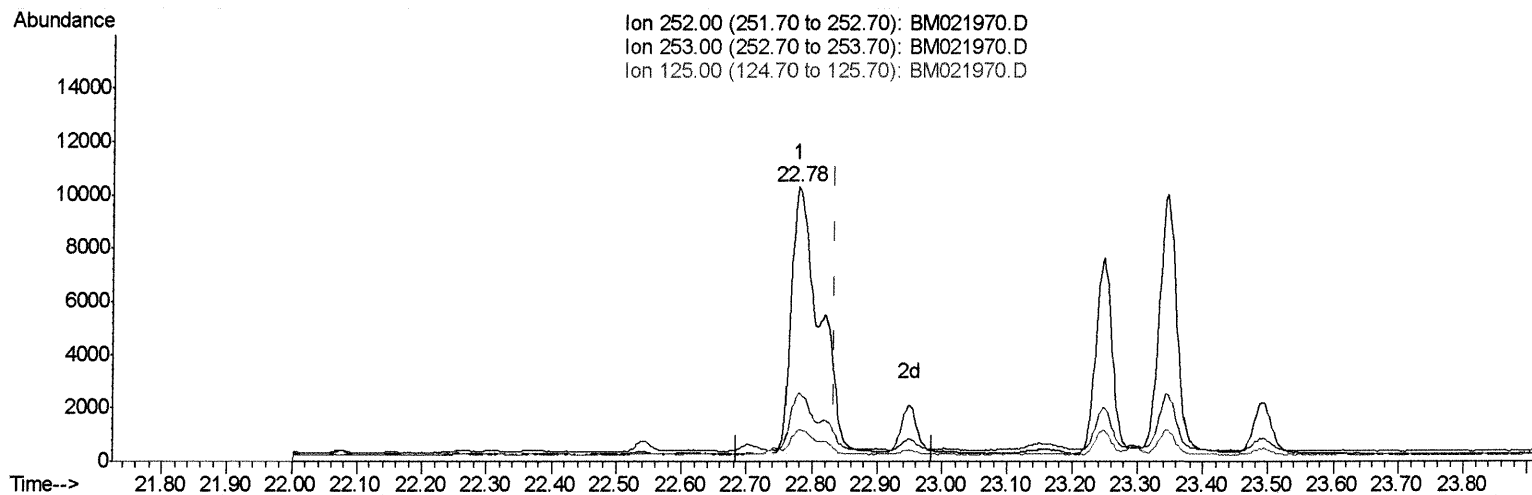
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:43 AM

Quant Time: Aug 10 05:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.779min (-0.056) 1.22ng/ui
 response 30236

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22#
125.00	15.20	11.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

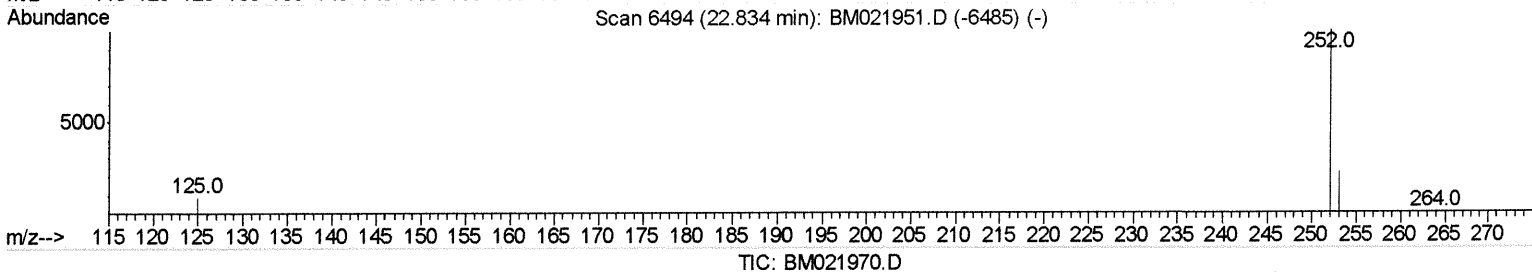
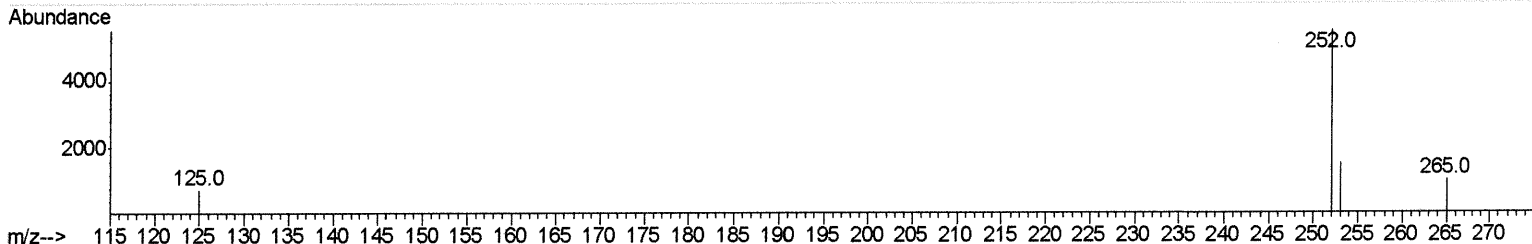
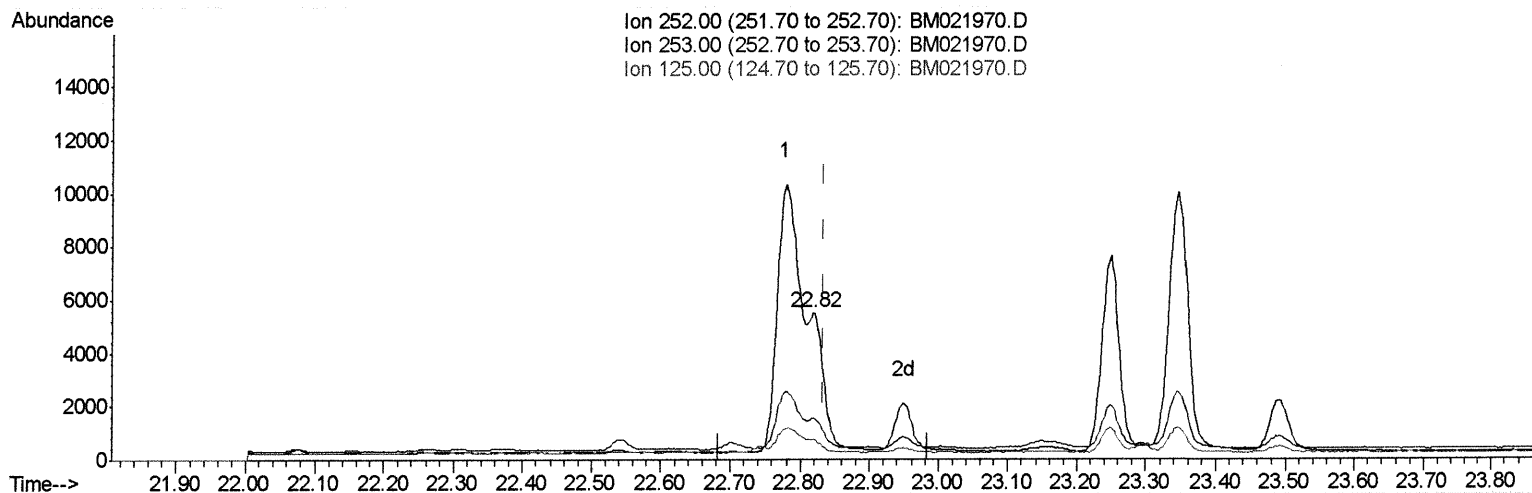
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:43 AM

Quant Time: Aug 10 05:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.817min (-0.017) 0.31ng/ul m

JU
08/12/19

response 7734

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.96
125.00	15.20	13.66
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:43 AM

Quant Time: Aug 10 06:23:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	912	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3959	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4849	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4913	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6484	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	310	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	755	0.05	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.46	128	378	0.034	ng/ul#	63
5) 2-Methylnaphthalene	12.09	142	204	0.027	ng/ul	96
7) Acenaphthylene	14.00	152	816	0.080	ng/ul#	78
8) Acenaphthene	14.34	153	512	0.061	ng/ul	95
9) Fluorene	15.33	166	494	0.053	ng/ul#	91
12) Phenanthrene	17.07	178	10911	0.773	ng/ul	97
13) Anthracene	17.16	178	2582	0.215	ng/ul	99
15) Fluoranthene	19.09	202	25796	1.365	ng/ul	99
17) Pyrene	19.46	202	32590	1.614	ng/ul	98
18) Benzo(a)anthracene	21.21	228	18688	1.063	ng/ul	99
19) Chrysene	21.27	228	21217	0.939	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	21282m →	0.973	ng/ul	> 2 Ju
22) Benzo(k)fluoranthene	22.82	252	7734m →	0.313	ng/ul	> 3 08/12/19
23) Benzo(a)pyrene	23.35	252	17951	0.807	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.65	276	10532	0.397	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	3047	0.142	ng/ul#	89
26) Benzo(a,h,i)perylene	26.33	276	11357	0.475	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed